

$a > 1$

FACTOR

Review about signs

Last sign \oplus

() ()

first sign \oplus EX: $5x^2 + 21x + 4 = 0$

() ()

first sign \ominus EX: $3x^2 - 8x + 5 = 0$

\ominus

() ()

EX: $3x^2 + 20x - 7 = 0$
 $2x^2 - 7x - 9 = 0$

Factor:

① $3x^2 - 8x + 5 = 0$

② $5x^2 + 21x + 4 = 0$

③ $3x^2 + 20x + 12 = 0$

④ $2x^2 + 9x - 5 = 0$

⑤ $7x^2 - 6x - 1 = 0$

⑥ $3x^2 - 10x + 7 = 0$

Solve:

$$(7) 2x^2 - 3x - 5 = 0$$

$$(8) 10x^2 + 23x + 6 = 0$$

$$(9) 2x^2 + 3x - 9 = 0$$

$$(10) 3x^2 + 20x - 7 = 0$$

$$(11) 3x^2 - 8x + 5 = 0$$

$$(12) 3x^2 + 14x + 8 = 0$$

$$(13) 2x^2 - x - 15 = 0$$

$$(14) 6x^2 + x - 12 = 0$$